

Figure 1

Amino Acid Sequence Alignment of ORF HI0638

Figure 2

Homology Search of the N-terminus (amino acids 3-26)

Haemophilus influenzae	N Y H D I V L A L A G V C Q S A K L V H Q L	SEQ ID NO:1
Pasteurella multocida	N Y Y D I I T L A L A G V C Q A A K L V Q Q F	SEQ ID NO:2
Escherichia coli	N Y Y D I T L A L A G I C Q S A R L V Q Q L	SEQ ID NO:3
Vibrio cholerae	A I Y D R T I A F A G I C Q A V A L V Q Q V	SEQ ID NO:4
Buchnera aphidicola	K I H L I T L S L A G I C Q S A H L V Q Q L	SEQ ID NO:5
Pseudomonas aeruginosa	D P R Q Q L I A L G A V F E S A A L V D K L	SEQ ID NO:6
Xylella fastidiosa	L I D N R V L A L A G V V Q A L Q Q V R Q I	SEQ ID NO:7
Rhizobium loti (prot1)	N L P P I V L A V I G I C A A V F L L Q Q Y	SEQ ID NO:8
Human NK-2 RECEPTOR	N Y F I V N L A L A D L C M A A F N A A F N	SEQ ID NO:9
Chlamydia pneumoniae	T A F D F N K M L D G V C T Y V K G V Q Q Y	SEQ ID NO:10
Rhizobium loti (prot2)	R A I L I P L A L A G L C Q V A R A G D I S	SEQ ID NO:11
NprB Bac. Subtilis	M R N L T K T S L L A G L C T A A Q M V F V T	SEQ ID NO:12

Figure 3

Glucose Levels in Mice Following Insulin Translocation Across Epithelial Cell Membranes

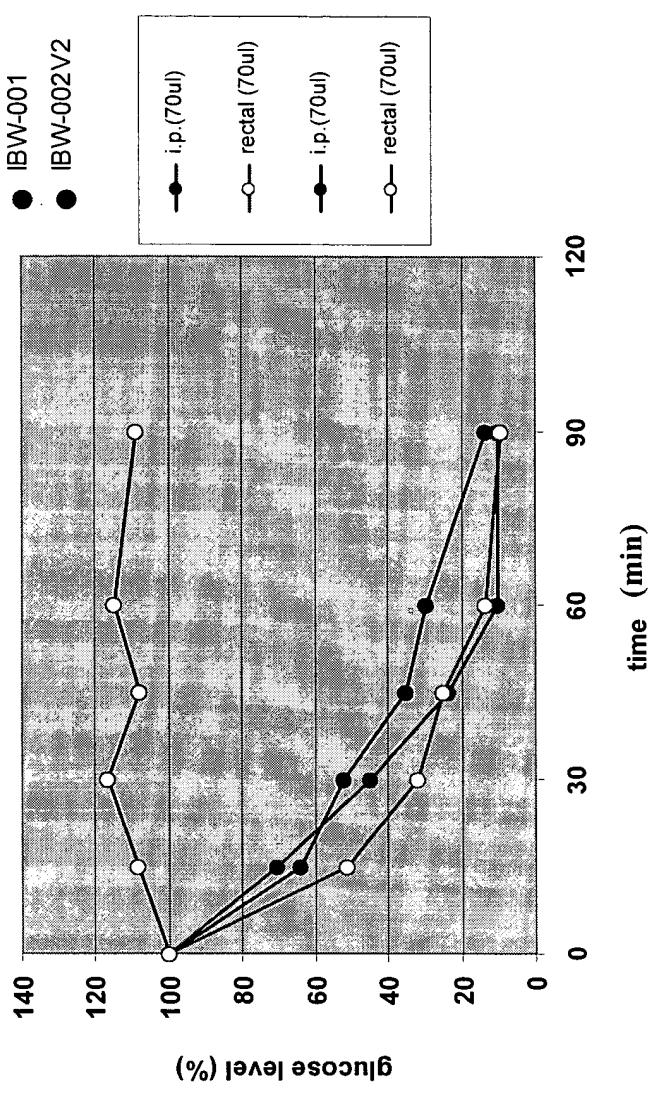


Figure 4

Glucose Levels in Rats Following Insulin Translocation Across Epithelial Cell Membranes

